Dan Tasse

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PUBLICATIONS

Tasse, D., and Hong, J. 2014. *Using Social Media Data to Understand Cities.* Workshop on Big Data and Urban Informatics, University of Illinois, Chicago.

Tasse, D., and Hong, J. 2014. *Finding a City's Activity Bubbles in Geotagged Social Media.* Citizen + X: HCOMP 2014 Workshop on Volunteer-Based Crowdsourcing in Science, Public Health and Government, Pittsburgh.

Tasse, D., Ankolekar, A., and Hailpern, J. 2014. *Badges and Shadows: Noticeable and Likable Ways to Get Users Attention In Web Apps.* In submission to CHI, the ACM SIGCHI Conference on Human Factors.

Tasse, D., and Hailpern, J. 2014. *"My Generation... Never Got Addicted": Technology Overuse, or Lack Thereof, In Enterprise Workers.* In submission to CHI, the ACM SIGCHI Conference on Human Factors.

Kim, S., Tasse., D, and Dey, A. 2014. *Making Machine Learning Applications for Time-Series Sensor Data Graphical and Interactive.* In submission to CHI, the ACM SIGCHI Conference on Human Factors.

Gerritsen, D., Olsen, J., Tasse, D., Vlahovic, T., Odom, W., Wiese, J., and Zimmerman, J. 2014. *Mailing Archived Emails As Postcards: Probing the Value of Virtual Collections.* In submission to CHI, the ACM SIGCHI Conference on Human Factors.

Tasse, D. and Smith, N. 2008. *SOUR CREAM: Towards Semantic Parsing of Recipes.* Technical Report, number CMU-LTI-08-005, Carnegie Mellon University Language Technologies Institute.

PRESS

Tuhus-Dubrow, Rebecca. Will Twitter Revolutionize How Cities Plan for the Future? NextCity, Oct. 21, 2014. http://nextcity.org/daily/entry/urban-planning-twitter-social-media-data

PROFESSIONAL AND RESEARCH EXPERIENCE

CMU Human-Computer Interaction Institute, Pittsburgh, Pennsylvania

Ph.D. Student   **August 2012 – Present**

Advised by Prof. Jason Hong. Using geotagged social media data to understand how our cities work.

HP Labs, Palo Alto, California

Intern   **May 2014 – August 2014**

Advised by Joshua Hailpern and Anupriya Ankolekar. Ran experiment with 1920 participants to determine how web sites should get users' attention.

University of Washington, Seattle, Washington

Visiting Researcher   **February 2011 – August 2011**

Implemented "Sea Salt" game online, ran study on human subjects to research fun and engagement. Finished Android OS implementation of the Psychomotor Vigilance Task, a sleepiness test.

Google, Inc., Seattle, Washington

Frontend Software Engineer   **August 2008 – April 2011**

Led a team of 2-8 engineers in rewriting the Chrome Web Store Python frontend in Java. Led UI development for Chrome Sync. Added frontend features to Google Analytics.

CMU Language Technologies Institute, Pittsburgh, Pennsylvania

Research Assistant **June 2007 – May 2008**

Defined a formalism for semantic parsing of cooking recipes. Collected 300 hand-annotated recipes to create a corpus of data, and attempted two parsing methods.

CMU Department of Mathematical Sciences, Pittsburgh, Pennsylvania

Teaching Assistant **August 2006 – December 2006, August 2007 – December 2007**

Taught a section of over 30 students twice a week in introductory discrete mathematics course (Concepts of Mathematics).

Cognitive Tutor Authoring Tools, Pittsburgh, Pennsylvania

Intern **June 2006 – August 2006**

Hyland Software, Inc., Cleveland, Ohio

Intern **June 2005 – August 2005**

EDUCATION **Carnegie Mellon University**, Pittsburgh, Pennsylvania

Ph.D., Human-Computer Interaction **August 2012 – Present**

Carnegie Mellon University, Pittsburgh, Pennsylvania

B.S., Computer Science **August 2004 – May 2008**

with an additional major in Cognitive Science
GPA: 3.8/4.0

Maastricht University, Maastricht, The Netherlands

Study Abroad, Department of Knowledge Engineering **January 2007 – May 2007**